

CLAIMS

1.- The invention relates to a modular, convenient urban and suburban transport vehicle which is motorized by means of compressed air motor-alternators / motor-compressors characterized in that:

5 - the vehicle comprises one or more self-propelled transport modules (2,3) which are connected via remote control means to a driving module (1) where the driver is located, such that the number of transport modules can be increased or reduced depending on the passenger capacity requirements.

10 - Each driving (1) and transport (2,3) module comprises its own reserves of stored compressed air, transmission motor assembly and braking means.

- Each transport module comprises a steering system which is remote controlled by the steering system of the driving module which in turn is operated by the driver.

15 2. - An urban and suburban transport vehicle according to claim 1 characterized in that a driver's cab, at the front of the driving module (1), comprises the video control means for each module together with all the other controls required to operate the unit correctly such as heating, opening doors and other functions.

20 3. - A modular, convenient urban and suburban transport vehicle according to claim 1 characterized in that the remote control means for the additional transport module(s) are wire-guided.

4.- A modular, convenient urban and suburban transport vehicle according to claims 1 and 2 characterized in that the electric steering system for the transport modules is remote controlled via an assembly of electronic devices enabling the trajectory of the driving module to be identically reproduced.

25 5.- An urban and suburban transport vehicle according to any one of the above claims characterized in that the transport modules are connected as close as possible to the driving module and are aligned behind the latter.

30 6.- An urban and suburban transport vehicle according to claim 4 characterized by the installation of safety measures such as a mechanical linkage system to prevent a transport module no longer being controlled as regards steering, accelerating, braking or other in the event of a transmission malfunction.

7.- A modular, convenient urban and suburban transport vehicle according to any one of the above claims equipped with electric engines, or other motorization unit, instead of compressed air motor-alternators / motor-compressors.[END OF SPECIFICATION – 1 PAGE DRAWING TO BE

35 ATTACHED]